

Wsparcie Clarivate dla Uczelni w zakresie poprawienia pozycji w rankingach

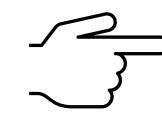
*Seminarium dla uczelni akademickich
– Jak zwiększyć international visibility uczelni i awansować w rankingach?*

Marcin Kapczyński

20 września 2021



An introduction to global university rankings



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The major players

Several organizations produce worldwide university rankings, including:

				
Academic Ranking of World Universities	CWTS Leiden Ranking	QS World University Rankings	THE World University Rankings	U.S. News Best Global University Ranking
Publisher: Shanghai Ranking Consultancy	Publisher: Centre for Science and Technology Studies Leiden University	Publisher: QS Quacquarelli Symonds	Publisher: Times Higher Education	Publisher: U.S. News & World
Since: 2003	Since: 2008	Since: 2004	Since: 2004	Since: 2014

Source: <https://clarivate.com/lp/an-introduction-to-global-university-rankings/>

Understanding the rankings

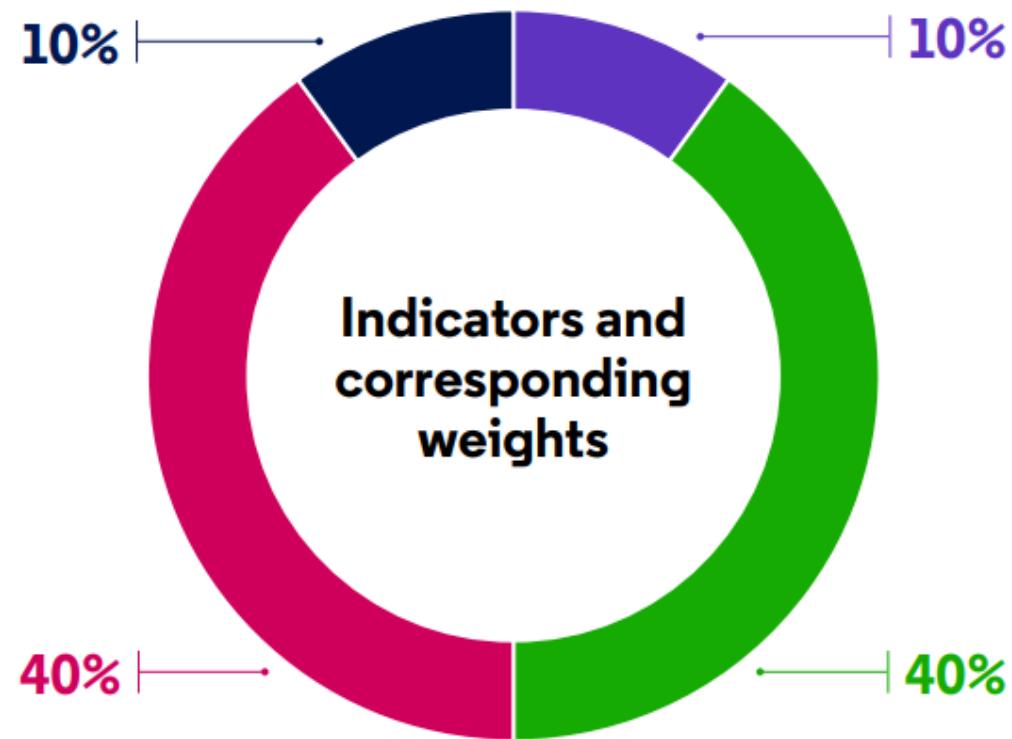
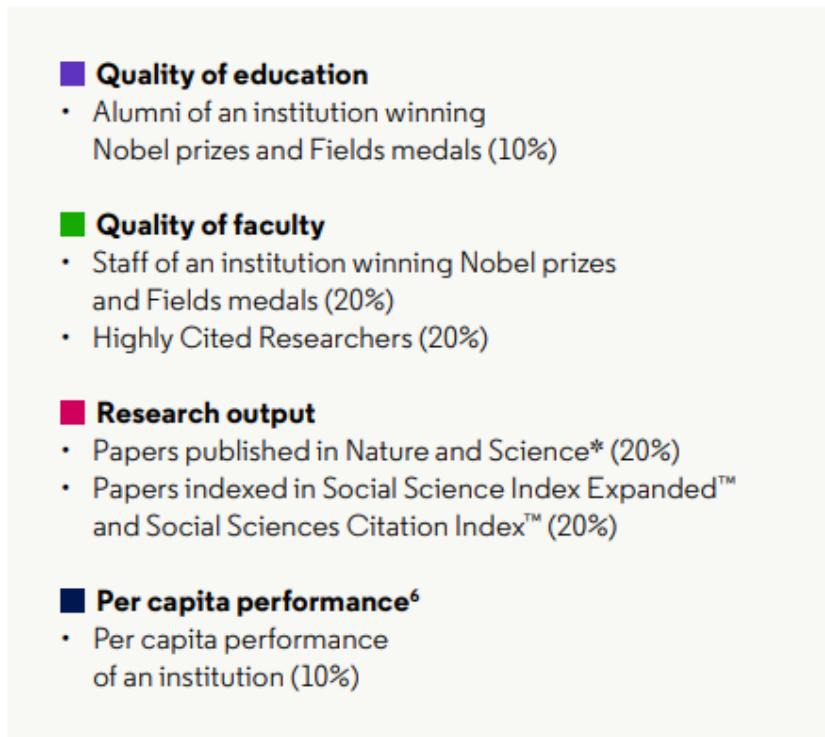
University rankings are based on a range of different factors, and different ranking systems use different indicators and different weights.

■ Research related indicators ■ Patent related indicators ■ Other indicators

Number of publications in indexed journals	Staff-to-student ratio	Citations per faculty	Number of published books
Industry article citation impact	Number of conference proceedings	Avg. number of times a journal has been cited by patents	University income
Doctorate to Bachelor students ratio	Number of Highly Cited Researchers™	Number of publications cited in Science / Nature	Number / percentage of publications with international co-authors
Number / ratio of 1% most cited publications	Number of basic patents filed by the organization	Proportion of international students	Number of citations
Percentage of articles that contain one or more industrial co-authors	Citations per faculty	Number / percentage of 10% most cited publications	Student reputation among companies
Percentage of patents cited	Proportion of international staff	Reputation among colleagues / students	Average number of citations
Reputation among research peers (regional / international)	Quantity and quality of research grants	Research income from industry	Percentage of academic staff possessing a doctorate degree
Staff / alumni with Nobel prizes or the Fields medal	Ratio of patent applications to grants over the assessed timeframe	Percentage of patents sought with the U.S., European and Japanese patent offices	Total number of times a patent has been cited by other patents

Source: <https://clarivate.com/ip/an-introduction-to-global-university-rankings/>

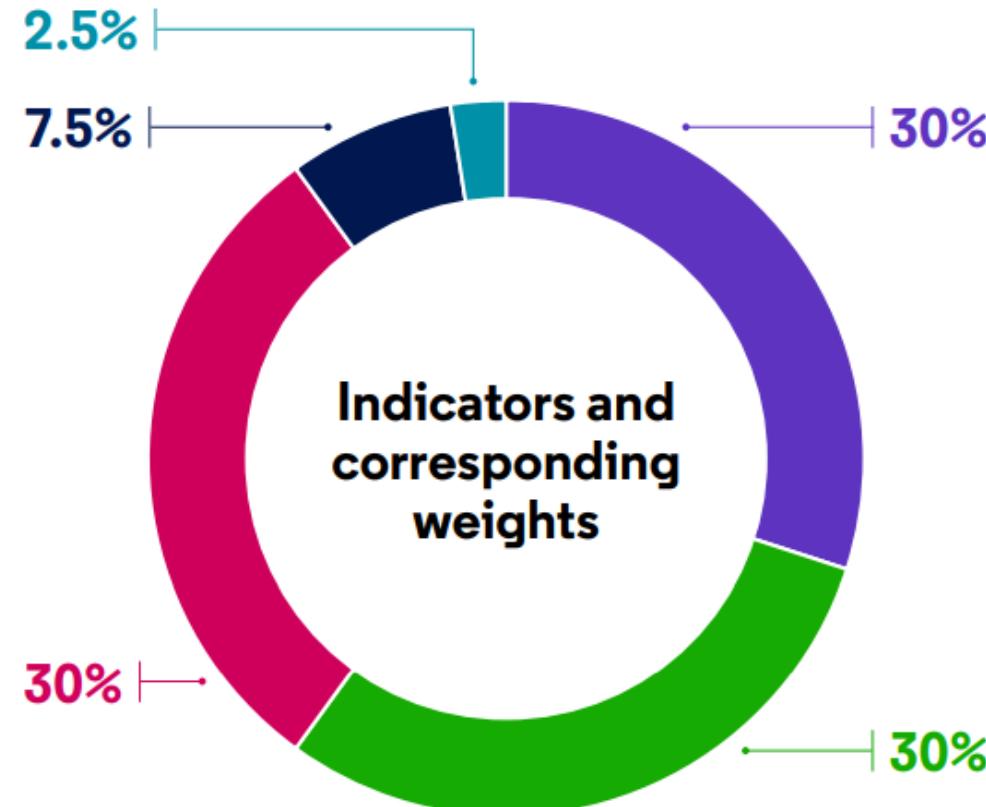
Academic Ranking of World Universities



Source: <https://clarivate.com/lp/an-introduction-to-global-university-rankings/>

THE World University Rankings

Teaching	
• Reputation (15%)	
• Staff-to-student ratio (4.5%)	
• Doctorate to Bachelor ratio (2.25%)	
• Doctorates awarded to academic Staff (6%)	
• Institutional income (2.25%)	
Research	
• Reputation (18%)	
• Research income (6%)	
• Research productivity (6%)	
Citations	
• Average number of times a university's published work is cited (30%)	
International outlook	
• Proportion of international students (2.5%)	
• Proportion of international staff (2.5%)	
• International collaboration (2.5%)	
Industry Income	
• Research income an institution earns from industry scaled to the number of academic staff (2.5%)	



Source: <https://clarivate.com/lp/an-introduction-to-global-university-rankings/>

U.S. News & World Report

Best Global Universities Rankings

■ Reputation

- Global research reputation (12.5%)
- Regional research reputation (12.5%)

■ Productivity

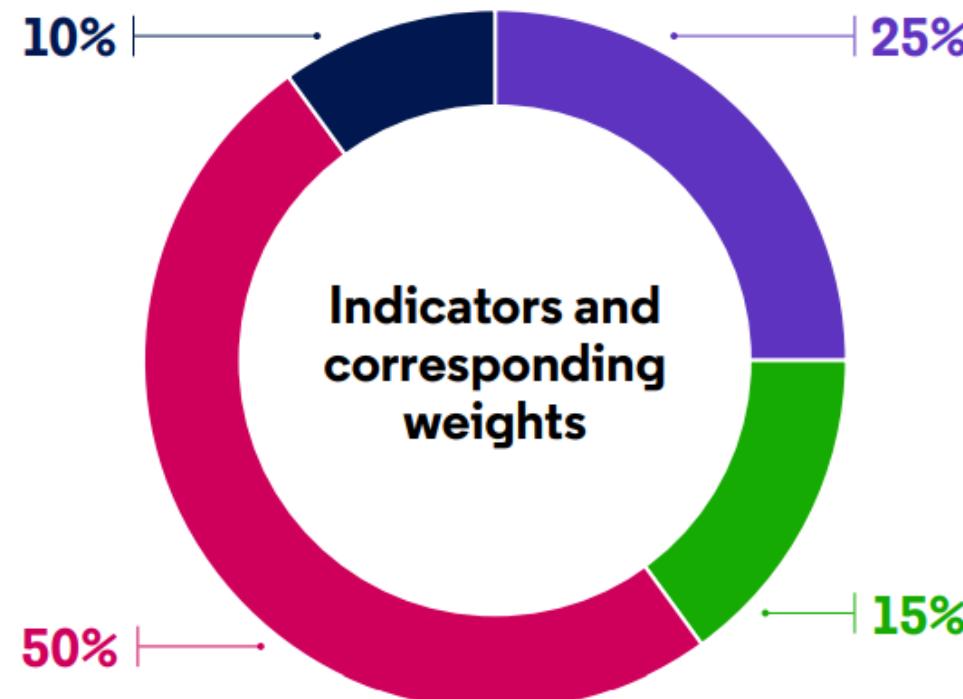
- Publications (10%)
- Books (2.5%)
- Conference proceedings (2.5%)

■ Impact

- Normalized citation impact (10%)
- Total citations (7.5%)
- Number of publications that are among the 10% most cited (12.5%)
- Percentage of total publications that are among the 10% most cited (10%)
- Number of highly cited papers that are among the top 1% most cited in their respective field (5%)
- Percentage of total publications that are among the top 1% most highly cited papers (5%)

■ International outlook

- International collaboration – relative to country (5%)
- International collaboration (5%)



Source: <https://clarivate.com/lp/an-introduction-to-global-university-rankings/>

QS World University Rankings

■ Academic reputation

- Expert opinions of more than 94,000 individuals in the higher education space regarding teaching and research quality at the world's universities (40%)

■ Employer reputation

- Employers' opinions identifying those institutions from which they source the most competent, innovative, effective graduates (10%)

■ Faculty/student Ratio

- Self explanatory (20%)

■ Citations per faculty

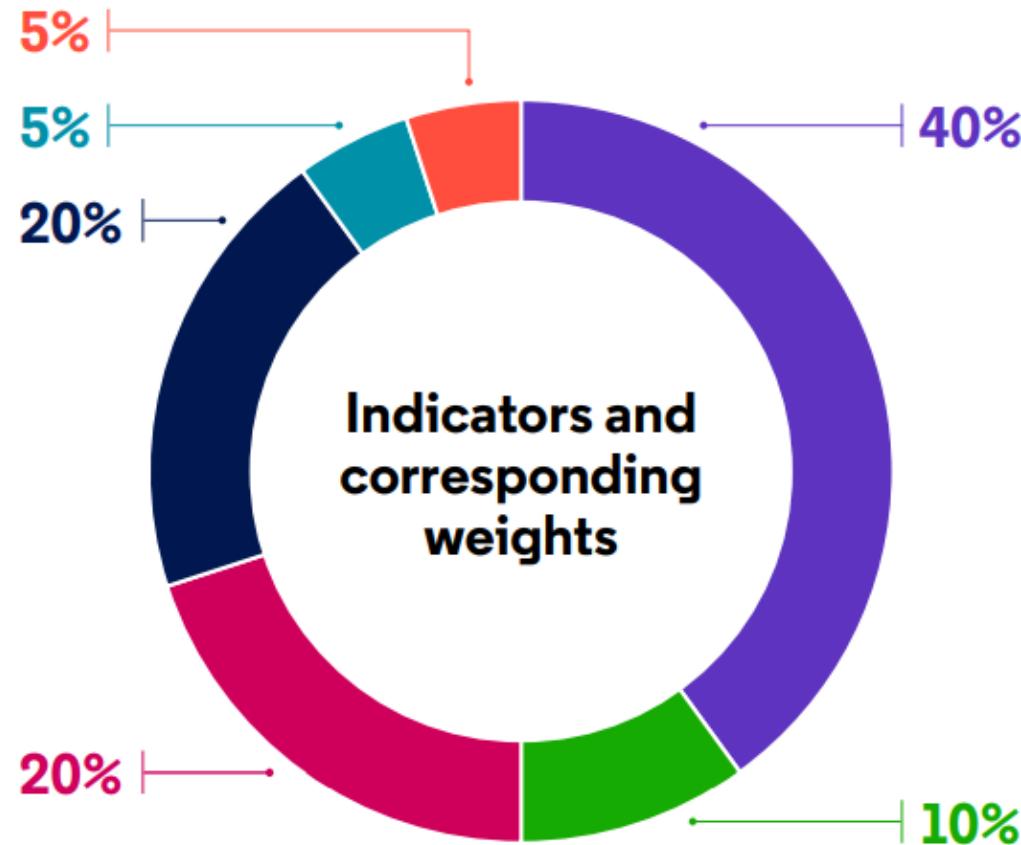
- The total number of citations received by all papers produced by an institution across a five-year period by the number of faculty members at that institution (20%)

■ International faculty ratio

- Self explanatory (5%)

■ International student ratio

- Self explanatory (5%)

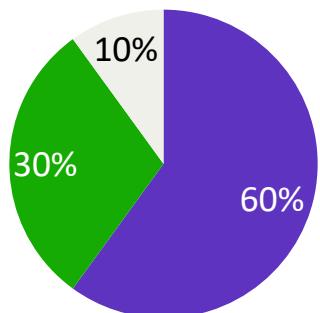


Wzmocnienie badań może pomóc poprawić ranking

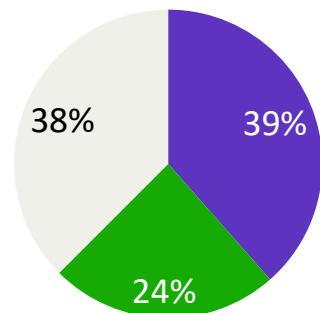
Badania są ważnym wskaźnikiem dla wielu systemów rankingowych

Waga / udział wskaźników badań bibliometrycznych

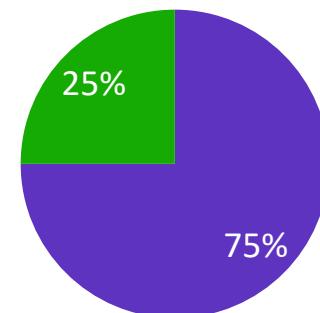
Academic Ranking
of World Universities



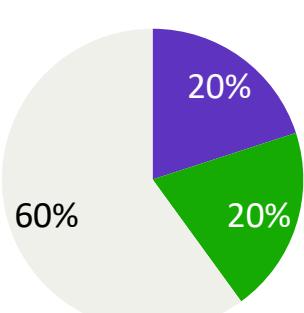
THE World
University Ranking



U.S. News Global
University Ranking



QS World
University Ranking



Wskaźniki badań bibliometrycznych

Inne wskaźniki badawcze

Inne

Średnio bibliometryczne wskaźniki badawcze stanowią: **~50%** udziału w powyższych systemach rankingowych

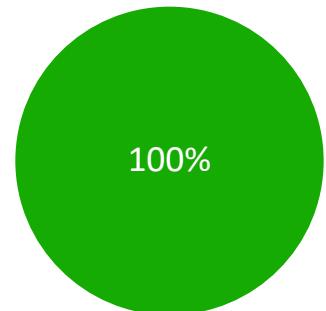
Badawcze wskaźniki bibliometryczne mogą być wzmacniane i monitorowane bezpośrednio przez uczelnię. Zrozumienie wskaźników wpływu Twojej uczelni ma kluczowe znaczenie.

Udział badania reputacji w systemach rankingowych

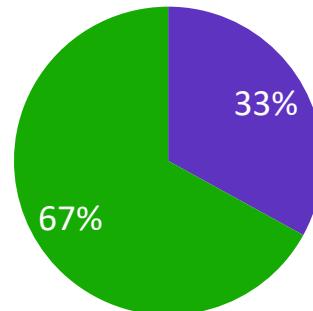
Reputacja ma przeciętnie mniejszą wagę w porównaniu do badań

Waga / udział wskaźników badań reputacji

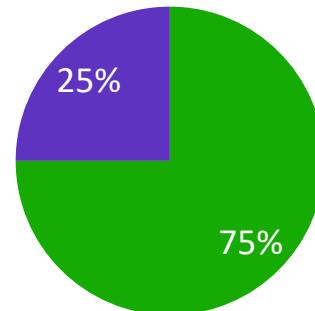
Academic Ranking
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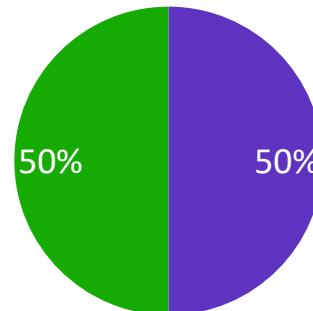
THE World
University Ranking



U.S. News Global
University Ranking



QS World
University Ranking



Badania reputacji

Inne

Średnio wskaźniki reputacji stanowią **~27%** udziału w powyższych systemach rankingowych

Co uniwersytety muszą zrozumieć, aby potencjalnie wpływać na pozycje rankingowe?



Zidentyfikować

Jakie wskaźniki stosuje wiodący światowy ranking systemy i jakie są ich wagi



Uproszczać

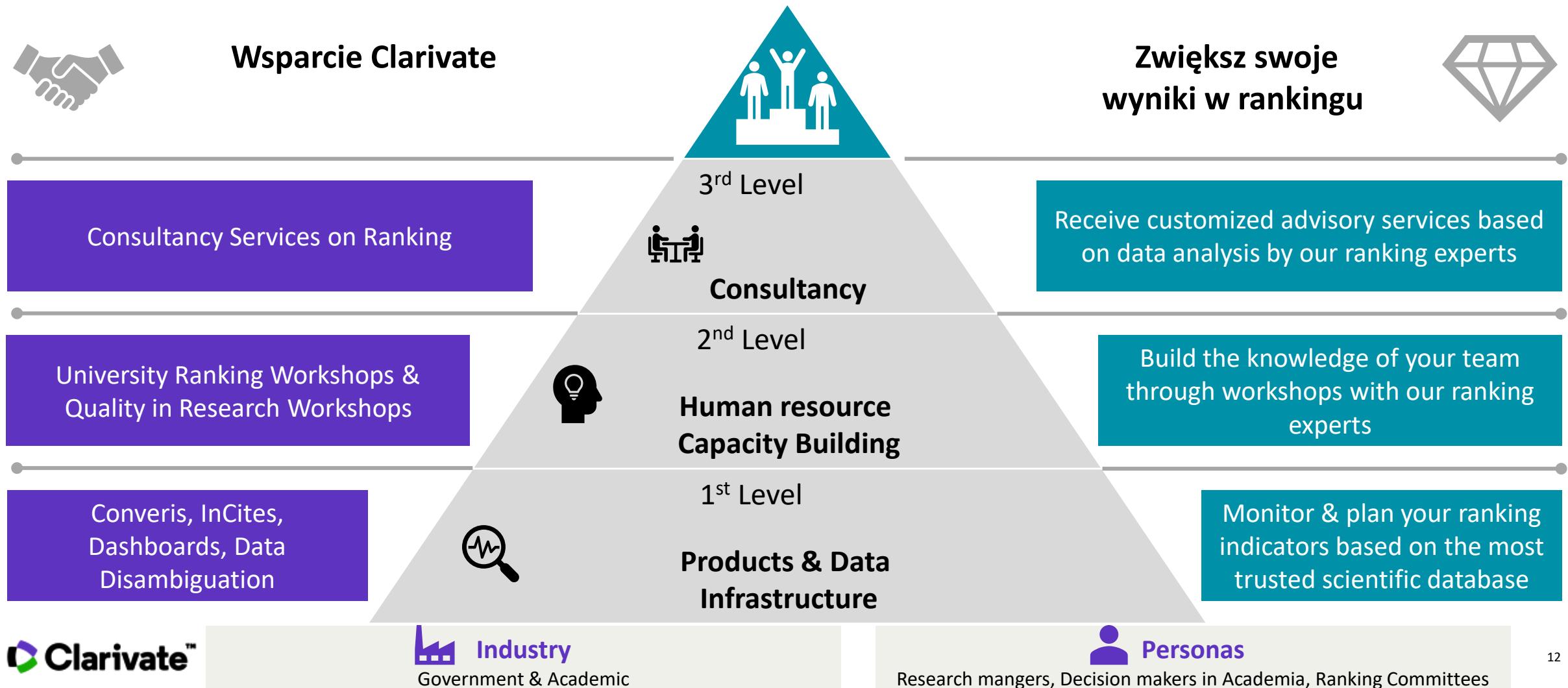
Jak pogrupować te wskaźniki i jaki jest najważniejszy wspólny wskaźnik



Poprawić wyniki

Jak stworzyć dostosowaną strategię wzrostu, która pozwoli Ci skutecznie wspinać się po drabinie rankingowej

Wsparcie Clarivate w wielopoziomowym zaangażowaniu, w celu poprawy wyników rankingowych



A strategy framework to help you boost ranking

Know the indicators and determine their relevancy to you based n your strategic plan

Indicators

What do scientific indicators “truly” mean?

Understand the “true” meaning of scientific indicators in different ranking systems

Impact

What is their impact?

Understand the impact or “dose” of scientific indicators in different ranking systems and determine indicators having the highest impact in one or more ranking system

Relevancy

Which indicators should my university boost?

Determine indicators most relevant to your university in alignment with the global institute strategy and circumstances

A strategy framework to help you boost ranking

Set your starting point, goals and plan to reach them

Assess

Where am I currently standing?

Determine what is our current position in the chosen indicators using corresponding assessment tools and benchmark with other universities

Set Goals

What are my goals?

For each chosen indicator determine a goal to reach in a certain period of time

Establish
Initiatives

Which initiatives will get me there?

Establish a set of initiatives, measures and projects for each goal

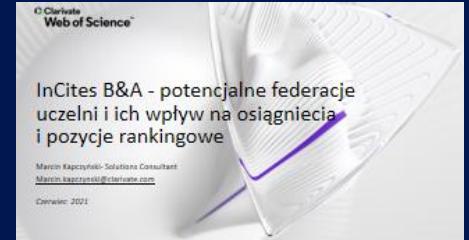
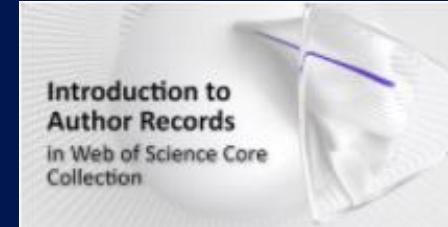
Plan

How will I get there?

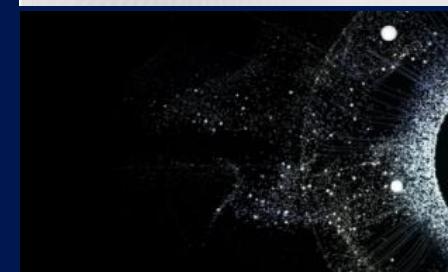
Derive an implementation plan and governance. Follow your determined performance indicators closely and adjust plan, initiatives or goals with changing circumstances

Otwarte warsztaty i dodatkowe źródła

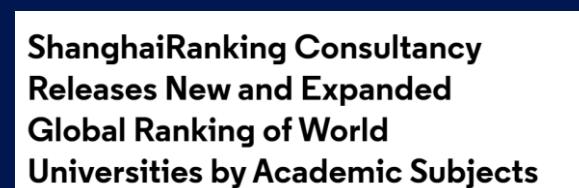
Warsztaty, prezentacje, webinaria - [Link](#)



Raport Institute of Scientific Information - [Link](#)



Academic & Government blog - [Link](#)



Lista publikacji ISI- [Link](#)

Interpreting Bibliometric Data

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