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Hirša indekss

Author	Documents	<i>h</i> -index <small>i</small>	Affiliation	City	Country/Territory
--------	-----------	----------------------------------	-------------	------	-------------------

<input checked="" type="checkbox"/> 1	Juhna, T. Juhna, Talis Juhna, Tālis Juhna, Tālis	77	16	Riga Technical University	Riga	Latvia
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Skatīt autora profilu

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<input type="checkbox"/> 2	Juhna, Viktors	3	1	Latvia University of Life Sciences and Technologies	Jelgava	Latvia
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Autora profils

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Juhna, T.

[Riga Technical University, Riga, Latvia](#) [55967156600](#)

<https://orcid.org/0000-0001-5985-704X> [View more](#)

1,050

Citations by 963 documents

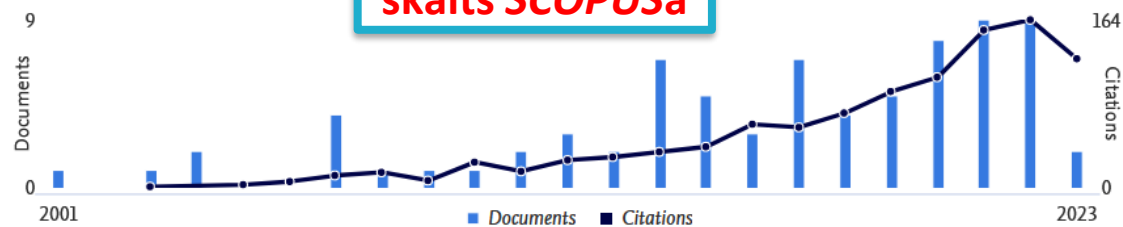
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Other names

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Profile authenticators

Scopus ID 55967156600

ORCID 0000-0001-5985-704X

Institution history

2001 - 2023 [Riga Technical University](#)

2014 [Latvijas Universitāte](#)

2001 - 2003 [Luleå University of Technology](#)

Subject areas

Environmental Science • Engineering • Medicine • Biochemistry, Genetics and Molecular Biology • Chemical Engineering • Materials Science • Agricultural and Biological Sciences • Immunology and Microbiology • Chemistry • Energy • Computer Science •

Autora veikuma analīze

Juhna, T.
Riga Technical University, Riga, Latvia
Author ID:55967156600

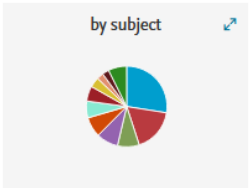
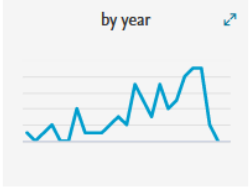
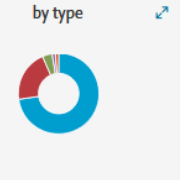
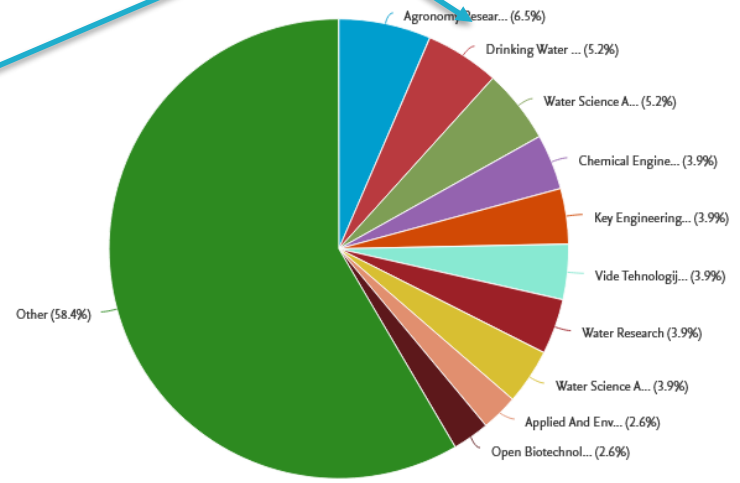
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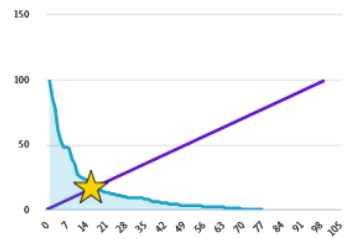
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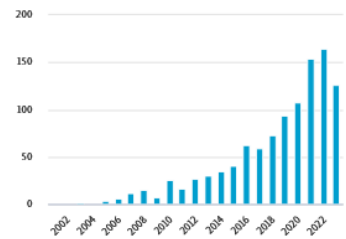
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Citations

1057



Līdzautori

150 co-authors

Author Name	Co-authored Documents
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Rubulis, Janis	13

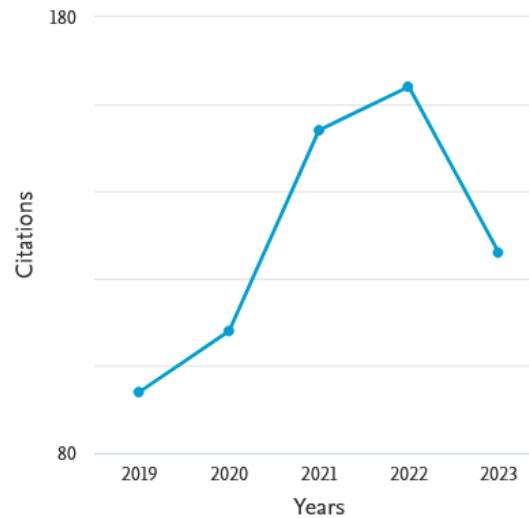
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		Total	411	94	108	154	164	126	646	0	1057
<input type="checkbox"/> 1 Wastewater-based prediction of COVID-19 cases using a random...	2023							0		0	
<input type="checkbox"/> 2 Performance Evaluation of Wastewater Concentration Device: A...	2023							0		0	
<input type="checkbox"/> 3 Optimizing phosphorus removal for municipal wastewater post-...	2022						1	1		1	

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Riga Technical University **Institute of Inorganic Chemistry**

Riga Business School

Meklēšana pēc institūcijas (2)

3 Affiliation results - Riga Technical university

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(1) >	<input checked="" type="checkbox"/>	1 Riga Technical University Riga Technical University Riga Polytechnic Institute	10926	11136	Riga	Latvia
	<input checked="" type="checkbox"/>	2 Riga Technical University Institute of Inorganic Chemistry Riga Technical University Institute Of Inorganic Chemistry	367	367	Salaspils	Latvia
(3) >	<input checked="" type="checkbox"/>	3 Riga Business School Riga Business School Rtu Riga Business School	20	20	Riga	Latvia

Institūcijas profils

Riga Technical University

1 Kalku Street, Riga
Latvia

Affiliation ID: 60071057

Other name formats: [Riga Technical University](#) [Riga Polytechnic Institute](#) [Rudolfs Cimdinš Rīga Biomateriālu Inovāciju un Attīstības Centrs](#)

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11,136



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10,926

Authors
3,293

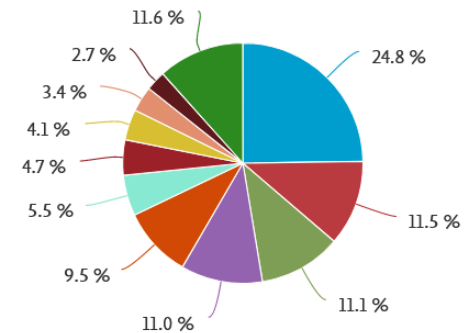
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Engineering	5314	Earth and Planetary Sciences	173
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Riga Technical University



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(KEY("indoor air") AND AFFIL(RIGA))

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Subject Areas

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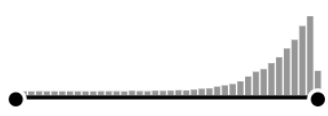
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renewable AND energy AND riga 3,733 documents found

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Year 
Range Individual

Document title	Authors	Source	Year	Citations
1 Casson nanoliquid film flow over an unsteady moving surface with time-varying stretching velocity	Vanitha, G.P., Shobha, K.C., Mallikarjun, B.P., Mahabaleshwar, U.S., Bognár, G.	Scientific Reports, 13(1), 4074	2023	0
2 Numerical exploration of forced convection hydromagnetic hyperbolic tangent nanofluid flow over a permeable wedge with melting heat transfer	Endalew, M.F., Sarkar, S.	Scientific Reports, 13(1), 3515	2023	0

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Current Opinion in Green and Sustainable Chemistry - Open Access - Volume 35 - June 2022 - Article number 100626

Acrylation of biomass: A review of synthesis process: Know-how and future application directions

Briede, Sabine^a; Barkane, Anda^a; Jurinovs, Maksims^a;

Thakur, Vijay Kumar^{b, c} [✉](#); Gaidukovs, Sergejs^a [✉](#)

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**Dokumenti, kuros
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^a Institute of Polymer Materials, Faculty of Materials Science and Applied Chemistry, Riga Technical University, P. Valdena 3/7, LV, Riga, 1048, Latvia

^b Biorefining and Advanced Materials Research Center, SRUC, UK, Edinburgh, EH9 3JG, United Kingdom

^c School of Engineering, University of Petroleum & Energy Studies (UPES), Dehradun, 248007, India

9⁷¹th percentile
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53
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Abstract

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Reaxys Chemistry database
information

Indexed keywords

Atslēgvārdi

Abstract

Over the years, eco-friendly raw biomass is being investigated to develop novel green monomer and oligomer components for sustainable polymer materials synthesis. The use of naturally obtained biomass can reduce the dependence on petrochemical suppliers and the impact of petroleum prices. Polymer materials obtained from biomass are a competitive alternative comparing with those made from petrochemicals. Domestically and industrially used vegetable oil derivatives are considered widely available, while cellulose derivatives are the most abundant

Author keywords

Acrylate bio monomer; Cellulose; Polymerization; Vegetable oil

Cited by 9 documents

One-Step Method for Direct Acrylation of Vegetable Oils: A Biobased Material for 3D Printing

Mendes-Felipe, C. , Isusi, I. , Gómez-Jiménez-Aberasturi, O.
(2023) *Polymers*

Production of nanocellulose from corn husk for the development of antimicrobial biodegradable packaging film

Chawla, P. , Sridhar, K. , Kumar, A.
(2023) *International Journal of Biological Macromolecules*

Eco-friendly polymers based on Baru vegetable oil and fumaric acid using photopolymerization

Magri, R. , Gaglieri, C. , Alarcon, R.T.
(2023) *Journal of Polymer Research*

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One-pot and solvent-free synthesis of castor oil-based polyurethane acrylate oligomers for UV-curable coatings applications

Li, P. , Chu, Z. , Chen, Y.
(2021) *Progress in Organic Coatings*

Synthesis and characteristics of cardanol-based acrylates as reactive diluents in UV-curing coatings

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Environmental and Climate Technologies

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Scopus coverage years: from 2009 to Present

Publisher: Walter de Gruyter

ISSN: 1691-5208

Subject area: [Environmental Science: General Environmental Science](#) [Energy: Renewable Energy, Sustainability and the Environment](#)

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