

Summary for Rothman, James E.

Rothman, James E. Filter by publication year range:2020 to 2024

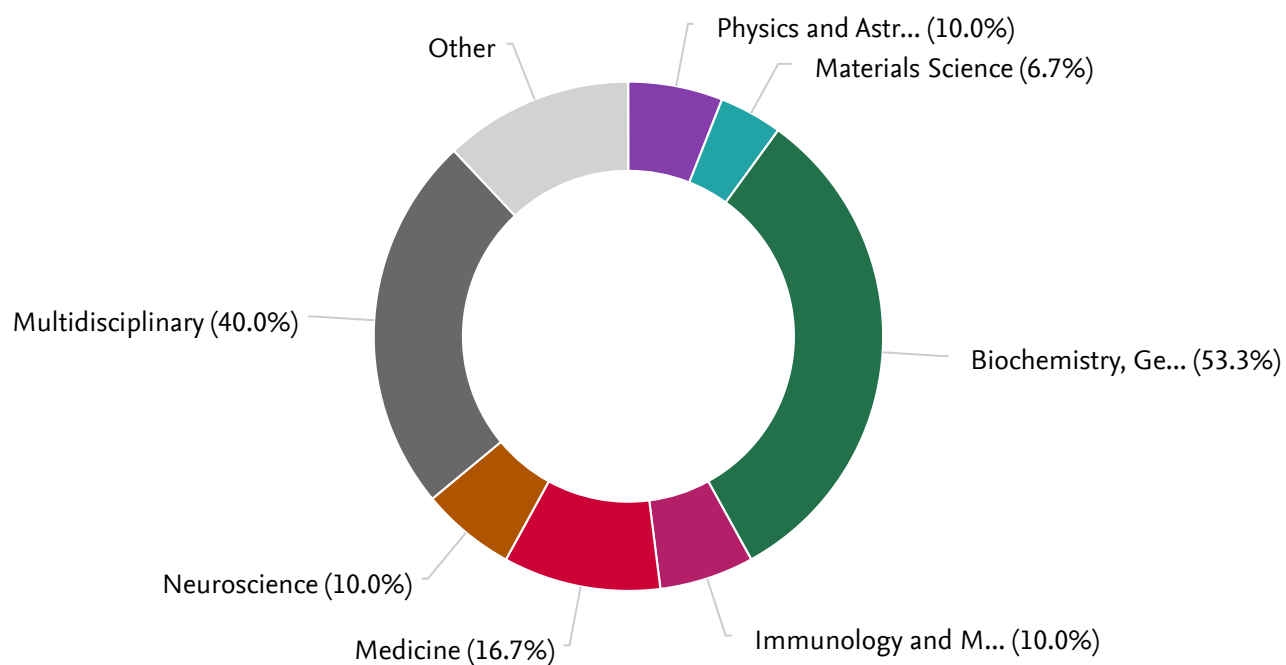
Summary metrics

Entity: Rothman, James E. · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 27 Aug 2025

30	1.66	1.26
Scholarly Output 	Field-Weighted Citation Impact 	Field-Weighted Citation Impact Median
86.7% Open Access		
741	24.7	74
Citation Count 	Citations per Publication 	<i>h</i> -index
15		
<i>h</i> 5-index		

Publication share by Subject Area

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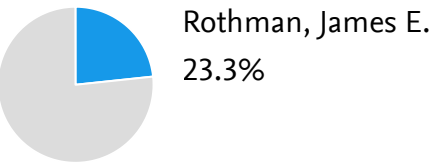
Top 5 Research Topics

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Topic	Scholarly Output - Link to Topic Strength:				
	Definitive	Very Good	Defensible	Weak	Other
	By this Researcher		Worldwide		
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile		
Mechanisms of SNARE Proteins in Membrane Fusion T.2201	19	1.08	92.228		
Super-Resolution Microscopy Techniques T.927	3	4.78	98.913		
Intracellular Transport Mechanisms of Golgi Apparatus T.2865	3	1.58	92.283		
Ion Mobility and Mass Spectrometry Innovations T.2743	1	2.61	96.644		
Integrin Targeting in Cancer Imaging and Therapy T.4307	1	0.64	89.364		

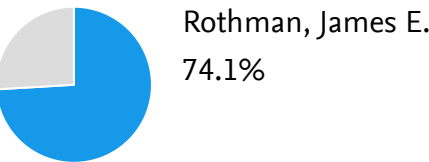
Outputs in Top 10% Citation Percentiles summary

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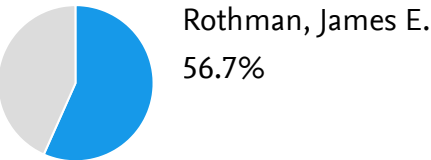
Publications in Top 10% Journal Percentiles by CiteScore Percentile

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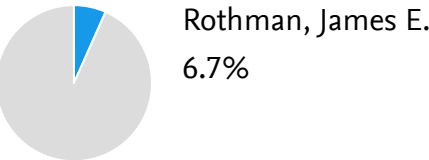
International Collaboration summary

Entity: Rothman, James E. · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 27 Aug 2025



Academic-Corporate Collaboration summary

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Publications with Highest FWCI

Entity: Rothman, James E. · Within: All subject areas (ASJC) · Year range: 2020 to 2024 · Data source: Scopus, up to 27 Aug 2025

Publication	Citations	Field-Weighted Citation Impact
Unraveling cellular complexity with transient adapters in highly multiplexed super-resolution imaging. Schueder, F., Rivera-Molina, F., Su, M. and 5 more (2024) Cell, 187 (7), pp. 1769-1784.e18.	33	6.38
Biallelic NAA60 variants with impaired n-terminal acetylation capacity cause autosomal recessive primary familial brain calcifications. Chelban, V., Aksnes, H., Maroofian, R. and 58 more (2024) Nature Communications, 15 (1).	27	5.67
Nanoscale subcellular architecture revealed by multicolor three-dimensional salvaged fluorescence imaging. Zhang, Y., Schroeder, L.K., Lessard, M.D. and 12 more (2020) Nature Methods, 17 (2), pp. 225-231.	99	4.96

Publications with Highest FWCI

Publication	Citations	Field-Weighted Citation Impact
Three-dimensional adaptive optical nanoscopy for thick specimen imaging at sub-50-nm resolution. Hao, X., Allgeyer, E.S., Lee, D.-R. and 13 more (2021) Nature Methods, 18 (6), pp. 688-693.	50	3.00
Munc13 structural transitions and oligomers that may choreograph successive stages in vesicle priming for neurotransmitter release. Grushin, K., Sundaram, R.V.K., Sindelar, C.V. and 1 more (2022) Proceedings of the National Academy of Sciences of the United States of America, 119 (7).	42	2.75