

# Sree Ganesh Balasubramani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2595106/publications.pdf>

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9  
papers

905  
citations

1306789

7  
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1473754

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g-index

9  
all docs

9  
docs citations

9  
times ranked

1161  
citing authors

#	ARTICLE	IF	CITATIONS
1	TURBOMOLE: Modular program suite for <i>ab initio</i> quantum-chemical and condensed-matter simulations. <i>Journal of Chemical Physics</i> , 2020, 152, 184107.	1.2	616
2	Random-Phase Approximation Methods. <i>Annual Review of Physical Chemistry</i> , 2017, 68, 421-445.	4.8	127
3	Synthesis, Structure, and Magnetism of Tris(amide) $[Ln\{N(SiMe_3)_2\}_3]^{+1}$ Complexes of the Non-traditional +2 Lanthanide Ions. <i>Chemistry - A European Journal</i> , 2018, 24, 7702-7709.	1.7	64
4	Variational generalized Kohn-Sham approach combining the random-phase-approximation and Green's-function methods. <i>Physical Review A</i> , 2019, 99, .	1.0	39
5	Noble gas encapsulation into carbon nanotubes: Predictions from analytical model and DFT studies. <i>Journal of Chemical Physics</i> , 2014, 141, 184304.	1.2	17
6	High-Resolution X-ray Photoelectron Spectroscopy of Organometallic $(C_5H_4SiMe_3)_3Ln^{III}$ and $[(C_5H_4SiMe_3)_3Ln^{II}]^{+1}$ Complexes (Ln = Sm, Eu, Gd, Tb). <i>Journal of the American Chemical Society</i> , 2021, 143, 16610-16620.	6.6	17
7	Formation of the End-on Bound Lanthanide Dinitrogen Complexes $[(R_2N)_3Ln^{II} \cdot N_2]^{+2}$ from Divalent $[(R_2N)_3Ln]^{+1}$ Salts (R = $SiMe_3$ ). <i>Journal of the American Chemical Society</i> , 2020, 142, 9302-9313.	6.6	15
8	Exploring the Solvation of Acetic Acid in Water Using Liquid Jet X-ray Photoelectron Spectroscopy and Core Level Electron Binding Energy Calculations. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8862-8868.	1.2	6
9	Transition Path Sampling Based Calculations of Free Energies for Enzymatic Reactions: The Case of Human Methionine Adenosyl Transferase and <i>Plasmodium vivax</i> Adenosine Deaminase. <i>Journal of Physical Chemistry B</i> , 2022, 126, 5413-5420.	1.2	4