

Felix F Iacob

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Dissociative recombination and rotational transitions of D+2 in collisions with slow electrons. Monthly Notices of the Royal Astronomical Society, 2022, 512, 424-429.	4.4	3
2	Reactive collisions between electrons and BeT $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e16331" altimg="si155.svg" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$: Complete set of thermal rate coefficients up to 5000 K. Atomic Data and Nuclear Data Tables, 2021, 139, 101414.	2.4	5
3	Diffuse supernova neutrino background search at Super-Kamiokande. Physical Review D, 2021, 104, .	4.7	40
4	On the geometric quantization of the ro-vibrational motion of homonuclear diatomic molecules. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126888.	2.1	2
5	Dissociative recombination and vibrational excitation of molecular cations with electrons: application to H2 +, BeH+ and their isotopomers. Journal of Physics: Conference Series, 2020, 1412, 172004.	0.4	1
6	Reactive collisions between electrons and BeT+. AIP Conference Proceedings, 2020, , .	0.4	2
7	Electron transport through nanosystems driven by pseudo-Gaussian well scattering. Nanosystems: Physics, Chemistry, Mathematics, 2020, 11, 44-49.	0.4	0
8	Measurement of the neutrino-oxygen neutral-current quasielastic cross section using atmospheric neutrinos at Super-Kamiokande. Physical Review D, 2019, 99, .	4.7	12
9	Recombination and excitation of molecular cations with electrons: Application to H2+, BeD+ and BeT+. AIP Conference Proceedings, 2019, , .	0.4	4
10	Measurement of neutrino and antineutrino neutral-current quasielasticlike interactions on oxygen by detecting nuclear deexcitation $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:mi} \rangle \hat{I}^3 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ rays. Physical Review D, 2019, 100, .	4.7	15
11	Search for Astronomical Neutrinos from Blazar TXS 0506+056 in Super-Kamiokande. Astrophysical Journal Letters, 2019, 887, L6.	8.3	6
12	Low-energy collisions between electrons and BeD+. Plasma Sources Science and Technology, 2018, 27, 025015.	3.1	13
13	Reactive collisions of electrons with H2+, HD+, BeH+, BeD+ and SH+. AIP Conference Proceedings, 2017, , .	0.4	2
14	A Numerical Approach for the Solution of Schrödinger Equation With Pseudo-Gaussian Potentials. Annals of West University of Timisoara: Physics, 2015, 58, 1-6.	0.2	0
15	Exact solution to the Schrödinger equation with pseudo-Gaussian potential. Journal of Mathematical Physics, 2015, 56, .	1.1	10
16	Degeneracy of energy levels of pseudo-Gaussian oscillators. AIP Conference Proceedings, 2015, , .	0.4	0
17	Spectral characterization of hydrogen-like atoms confined by oscillating systems. Open Physics, 2014, 12, .	1.7	3
18	Relativistic pseudo-Gaussian oscillators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 1332-1335.	2.1	8