

# F C Ragel

## List of Publications by Year in descending order

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19  
papers

388  
citations

840776

11  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

158  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact anisotropic sphere with polytropic equation of state. <i>Pramana - Journal of Physics</i> , 2012, 78, 687-696.	1.8	104
2	A class of exact strange quark star model. <i>Pramana - Journal of Physics</i> , 2013, 81, 275-286.	1.8	52
3	Anisotropic compact sphere with Van der Waals equation of state. <i>Astrophysics and Space Science</i> , 2014, 354, 415-420.	1.4	33
4	Strange star model with Tolmann IV type potential. <i>Astrophysics and Space Science</i> , 2014, 352, 743-749.	1.4	29
5	Anisotropic generalization of well-known solutions describing relativistic self-gravitating fluid systems: an algorithm. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	26
6	General relativistic model for mixed fluid sphere with equation of state. <i>European Physical Journal C</i> , 2019, 79, 1.	3.9	17
7	Transition from dense Kondo to the intermediate-valence regime in the Ce (Pt <sub>1-x</sub> Nix) <sub>2</sub> Si <sub>2</sub> alloys. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 2647-2660.	1.8	16
8	Dilution and non-Fermi-liquid effects in the CePtIn Kondo lattice. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 046008.	1.8	16
9	Anisotropic spheres with Van der Waals-type equation of state. <i>Pramana - Journal of Physics</i> , 2014, 83, 83-93.	1.8	15
10	A realistic model for charged strange quark stars. <i>Chinese Physics C</i> , 2017, 41, 015102.	3.7	13
11	Anisotropic generalization of isotropic models via hypergeometric equation. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	11
12	Anisotropic models for compact star with various equation of state. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	11
13	Effects of La dilution on the CePt <sub>2</sub> Si <sub>2</sub> Kondo lattice. <i>Journal of Physics Condensed Matter</i> , 2008, 20, 055218.	1.8	10
14	Charged analogue of well behaved neutral spheres: an algorithmic approach. <i>Chinese Physics C</i> , 2016, 40, 045101.	3.7	9
15	Kondo behaviour of the solid solution (Ce <sub>1-x</sub> La <sub>x</sub> )PtGa. <i>Journal of Physics and Chemistry of Solids</i> , 2010, 71, 1694-1701.	4.0	6
16	Hypergeometric Equation in Modeling Relativistic Isotropic Sphere. <i>International Journal of Theoretical Physics</i> , 2014, 53, 1188-1200.	1.2	6
17	Chemical pressure and magnetic field effects in CePtGa. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 506211.	1.8	4
18	Competing effects by Y dilution in CeNiAl <sub>4</sub> . <i>Solid State Communications</i> , 2007, 144, 466-469.	1.9	4

#	ARTICLE	IF	CITATIONS
19	Electrical transport of and alloys. Journal of Magnetism and Magnetic Materials, 2007, 310, 365-367.	2.3	4