

# Arvind Rajaraman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8433652/publications.pdf>

Version: 2024-02-01

25  
papers

527  
citations

840585

11  
h-index

642610

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

3272  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding $Q$ -balls beyond the thin-wall limit. Physical Review D, 2021, 103, .	1.6	14
2	Dark matter explanations of the gamma-ray excesses from the Galactic Center and M31. Physical Review D, 2021, 103, .	1.6	5
3	Mapping gauged $Q$ -balls. Physical Review D, 2021, 103, .	1.6	12
4	Ubiquity of gauged $Q$ -shells. Physical Review D, 2021, 104, .	1.6	4
5	Proca $Q$ -balls and $Q$ -shells. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
6	Dark matter through the quark vector current portal. Pramana - Journal of Physics, 2020, 94, 1.	0.9	1
7	Emergent Solution to the Strong CP Problem. Physical Review Letters, 2019, 123, 161602.	2.9	4
8	$H \hat{a}^{\dagger} \vec{\tau}_i + \vec{\tau}_i \hat{a}^{\dagger}$ as a probe of the $\vec{\tau}_i$ , magnetic dipole moment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
9	Correlation functions of massless interacting scalar fields in de Sitter space. International Journal of Modern Physics A, 2015, 30, 1550173.	0.5	6
10	Hidden on-shell mediators for the Galactic Center $\hat{I}^3$ -ray excess. Physical Review D, 2014, 90, .	1.6	108
11	Strange couplings to the Higgs. Journal of High Energy Physics, 2013, 2013, 1.	1.6	3
12	Simplified models for dark matter interacting with quarks. Journal of High Energy Physics, 2013, 2013, 1.	1.6	117
13	Spin determination for fermiophobic bosons. Physical Review D, 2012, 86, .	1.6	7
14	Decay of massive fields in de Sitter space. Physical Review D, 2012, 85, .	1.6	30
15	Collider searches for fermiophobic gauge bosons. Physical Review D, 2011, 84, .	1.6	7
16	Higher representations and multijet resonances at the LHC. Physical Review D, 2011, 84, .	1.6	9
17	Constructing infrared finite propagators in inflating space-time. Physical Review D, 2010, 82, .	1.6	23
18	Collider signals of maximal flavor violation: Same-sign leptons from same-sign top quarks at the Fermilab Tevatron. Physical Review D, 2008, 78, .	1.6	14

#	ARTICLE	IF	CITATIONS
19	<p>mass hierarchy and proton stability from nonanomalous</p> $U = \begin{pmatrix} U_{11} & U_{12} & U_{13} \\ U_{21} & U_{22} & U_{23} \\ U_{31} & U_{32} & U_{33} \end{pmatrix}$ <p>supersymmetric</p>	1.0784314	10747