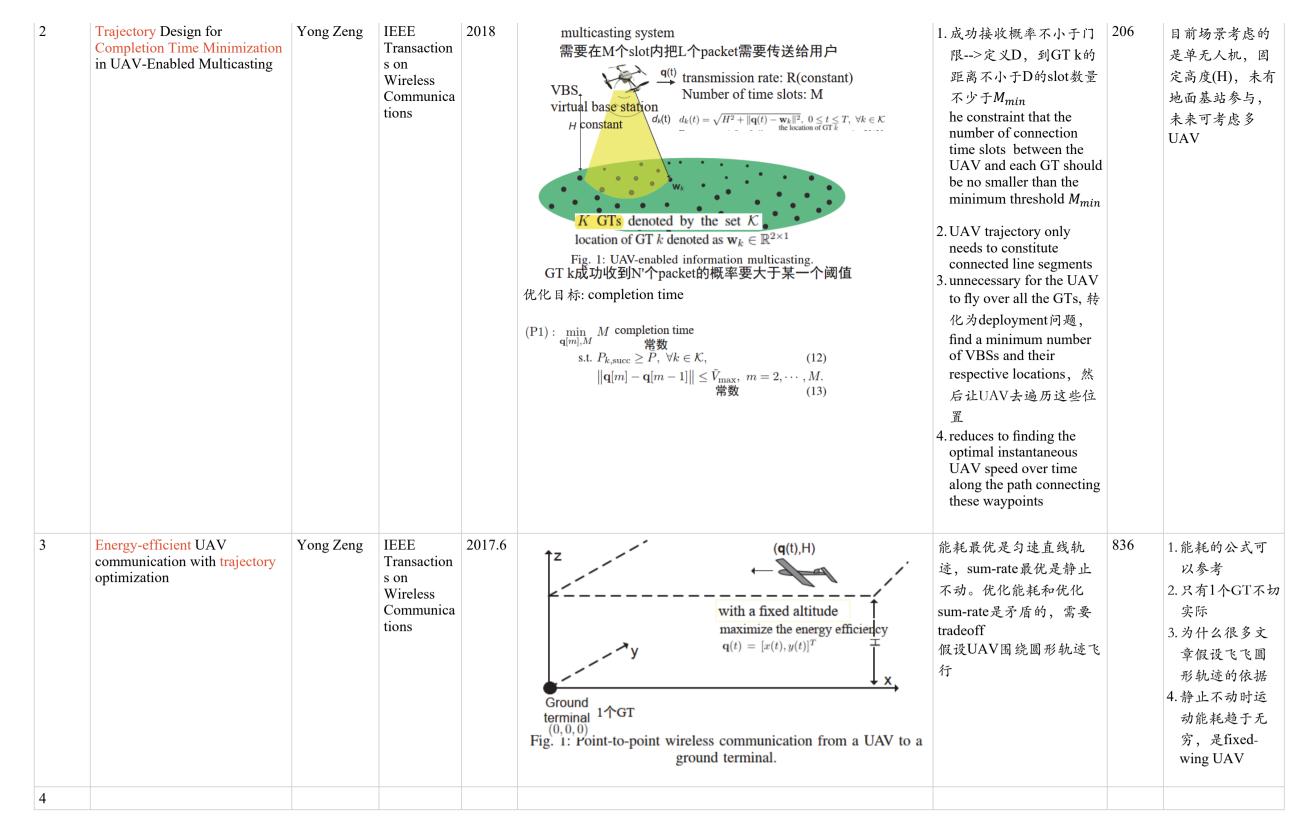
## 作者 SLY

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编号	文献名 作者	期刊	年份	场景	方法	引用量	评价
编方 1	Cellular Cooperative Unmanned Aerial Vehicle Networks With Senseand-Send Protocol  Shuha g Zhan Hongl ng Zhang	Internet of Things Journal	2019.4	$\psi_i(t)$ UAV i is paired with a subcliainel $\psi_i(t)$ sensing location of task j $\tau_i'$ sensing time slot of task j $\tau_i'$ completion time of UAV i $\tau_i'$ UAV sensing $\tau_i'$ UAV trajectory $\tau_i'$ UAV $\tau_i'$ UAV sensing and transmission. UAV $\tau_i'$ UAV $\tau_i'$ UAV sensing and transmission. UAV $\tau_i'$ $\tau$	联合优化 while $T_{max}\left(\{v_i(t)\}^{r-1}, \{l_i(\tau_i^j)\}^{r-1}, \{\psi_i(t)\}^{r-1}\right) - T_{max}\left(\{v_i(t)\}^r, \{l_i(\tau_i^j)\}^r, \{\psi_i(t)\}^r\right) > 0$ do $\begin{vmatrix} r = r + 1; \\ \text{Solve the trajectory optimization sub-problem, given } \{l_i(\tau_i^j)\}^{r-1} \text{ and } \{\psi_i(t)\}^{r-1}; \\ \text{Solve the sensing location optimization sub-problem, given } \{v_i(t)\}^r \text{ and } \{\psi_i(t)\}^{r-1}; \\ \text{Solve the UAV scheduling sub-problem, given } \{v_i(t)\}^r \text{ and } \{l_i(\tau_i^j)\}^r; \\ \text{end} \\ \textbf{Output:}\{v_i(t)\}^r, \{l_i(\tau_i^j)\}^r, \{\psi_i(t)\}^r; \\ 1) \text{ trajectory optimization; } 2) \text{ sensing location optimization; } 3) \text{ UAV scheduling} \\ \text{Sensing location for task } j \\ \text{Sensing location for task } j \\ \text{Sensing-Priority Route} \\ \text{Turning point} \\ \text{BS} \\ \text{BS} \\ \end{aligned}$	31	1. sensing 过程只用一个time slot是否合理 2. 没有进行任务分配,UAV执行哪些任务都是事先确定的 3. 无论是否sense成功都要将信息回第3条 4. Therefore, the sensory data of each task is collected by a predefined UAV group cooperatively, and the UAVs in this group send the collected data to the BS separately. 文中每个UAV执行哪几个任务是顺度进行任务分配。
2	Joint Trajectory and Power Optimization for UAV Relay Networks Shuha g Zhan g Zhan	Communications ia Letters	2018.11	amplification coefficient: Gt uplink $P_U^{t+1} \qquad \qquad$	Algorithm 1 Power and Trajectory Optimization Algorithm  1: Initialize $k = 0$ , $S^0 = 0$ , $P_M^t = P_U^{t+1} = P_{max}/2$ , $\forall t = 1, 3, \cdots, N$ ;  2: Repeat  3: $k = k + 1$ ;  4: For $t = 1: N$ 5: Solve trajectory design subproblem (10) for slot $t$ ;  6: For $t = 1: N$ 7: Solve power control subproblem (12) for slot $t$ ;  8: Until $S^k - S^{k-1} \le \epsilon$	16	虽然只有1个用户和1个UAV,但是同时考虑了从用户接收信息并转发,UAV把接收到的功率放大,起到了relay的作用
3	Reinforceme nt learning for decentralized trajectory design in cellular UAV networks with senseand-send protocol	ii IEEE Internet of Things Journal	2019.8	$p_{sTx,i}^{(k)} = p_{s,i}^{(k)} p_{s,i}^{(k)}$ kth cycle $E$ : successful transmission probability $fa1$ : successful sensing probability $fa2$ : probability for UAV $i$ to successfully transmit the sensory data to the BS $i$	Q-learning $D = \sqrt{3}\Delta$ $UAV$ $A$	16	1.一个UAV对应一个 因定的任务,的是是是是一个的是是是是是是是是是是是是是是是是是是是是是是是是是是是是是是是

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编号	文献名	作者	期刊	年份	<b>万法</b>	引用量	评价
	Joint Trajectory and Communication Design for Multi-UAV Enabled Wireless Networks	Qingqing Wu (澳门 大学, 2020 Google引用 量3000+), Yong Zeng (东南大学 Southeast University)	IEEE Transaction s on Wireless Communica tions	2018.3	downlink $M \ge 1$ UAVs  N time slots $q_m(0) = q_m(T)$ . $K > 1$ ground users. $\mathbf{W}_k = [x_k, y_k]^T$ Information Signal Interference $\mathbf{K}$ 化 平均信息率 $\mathbf{R}_k$ 的下限 $\mathbf{M} = \mathbf{M} = $	445	1.方都SCO方ylor 2. 大公子子的 SCO方ylor 2. 大公子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子子



## 其他作者

作者								
编号	文献名(title)	作者(author)	期刊(journal)	年份	场景	方法	引用量	评价
1	Energy-Efficient UAV-Assisted  Mobile Edge Computing: Resource Allocation and Trajectory Optimization		IEEE Transactions on Vehicular Technology	2020.3	UAV·mounted Edge server Cloudlet UAV·集地面节点信息 UAV·Trajectory $\mathbf{Q}_k = [Q_k^x, Q_k^y]$ set of time slots, where $\mathcal{K} = \{1, \dots, K\}$ set of time slots, where $\mathcal{K} = \{1, \dots, K\}$ maximum transmit power: P Computing Task Offloading Link 优化 UAV·的energy efficiency $\eta = \frac{\sum_{i \in \mathcal{I}} \sum_{k \in \mathcal{K}} R_{i,k}(\boldsymbol{\delta}_k, \mathbf{Q}_k)}{\sum_{k \in \mathcal{K}} \sum_{i \in \mathcal{I}} E_{i,k}^{C,U}(\mathbf{W}_k) + \sum_{k \in \mathcal{K}} E_k^F(\mathbf{Q})}$ users time slots energy consumption (14) UAV·位置s.t. $\ \mathbf{v}_k(\mathbf{Q})\ _2 \leq v_{max},  \forall k, \qquad (14a)$	1.Successive Convex Approximation  2.Dinkelbach Algorithm  3.Sub-Problem Decomposition by ADMM	15	1. 方法复杂,名 号多 2. UAV的计算 耗能公式可以参考
2	Deployment Algorithms for UAV Airborne Networks Toward On- Demand Coverage	Haitao Zha o(大连理工) Jibo Wei (Peng Cheng Laboratory, 深 圳)	IEEE Transactions on Vehicular Technology	2018.9	The UAVs will form a bi-connected airborne network provide coverage UEs	heuristic	75	UAV空中组网值得答,们 UAV空中组网值得不是 (1) UAV和UAV之路如果 10 的 和2通信的,有2通能和1通的和2通能和1通信都个UAV相连(2) 要和 其他UAV相连
3	Subchannel Assignment and Power Optimization in Caching based UAV Networks With NOMA	Yabo Li, Haijun Zhang ( 北京科技大 学, 北京市融 合网络与泛在 业务工程技术 研究中心)	2020 IEEE International Conference on Communications (ICC)	2020		matching process based on subchannel state information, ADMM 优化power allocation	0	1.1年以AV以上,在这个人对影像(Land Control Contro